

Rush

Access DB# 110996

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Chengkun Lee Examiner #: 70773 Date: 12-24-03
Art Unit: 2622 Phone Number 30 5-4867 Serial Number: 08/669,056
Mail Box and Bldg/Room Location: CPK-1, 4837 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures; keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Interface Circuit for Utilizing a Facsimile Coupled to a PC as a Scanner.
Inventors (please provide full names): Bruce Nacman

Earliest Priority Filing Date: CIP date 6-24-96

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

12-24-03 P05:18 PM

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher: <u>Vamchi Kalakotha</u>	NA Sequence (#) _____	STN _____	
Searcher Phone #: <u>702 306 0254</u>	AA Sequence (#) _____	Dialog _____	
Searcher Location: <u>CPK2 302</u>	Structure (#) _____	Questel/Orbit _____	
Date Searcher Picked Up: <u>12/24/03</u>	Bibliographic _____	Dr.Link _____	
Date Completed: <u>12/24/03</u>	Litigation _____	Lexis/Nexis _____	
Searcher Prep & Review Time: <u>30 min</u>	Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____	
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____	
Online Time: <u>100 mins</u>	Other _____	Other (specify) _____	



STIC Search Report

EIC 2600

STIC Database Tracking Number: 110996

TO: cheukfan lee
Location: CPK1-4B37
Art Unit : 2622
Wednesday, December 24, 2003

Case Serial Number: 08/669056

From: Vamshi Kalakuntla
Location: EIC 2600
PK2-3C03
Phone: 306-0254

Vamshi.kalakuntla@uspto.gov

Search Notes

Dear cheukfan lee;

Attached please find the results of your search request 08/669056.
I searched the standard Patent Bibliographic Dialog files.

If you would like a re-focus please let me know.
Please feel free to contact me if you have questions or concerns. Thank you and have a great day.

Please take a moment and fill out the attached feedback form. Thank you.

File 344:Chinese Patents Abs Aug 1985-2003/Nov
(c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
(c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200382
(c) 2003 Thomson Derwent

? ds

Set	Items	Description
S1	232407	FACSIMILE OR FAX
S2	736056	PC OR COMPUTER OR WORKSTATION OR WORK()STATION OR DESKTOP - OR LAPTOP OR (TERMINAL OR NODE) (3N)NETWORK
S3	475257	PASSIVE OR DIRECT OR DEVOT? OR DEDICAT? OR COMMIT? OR STRA- IGHT
S4	109174	DIGITAL() (DATA OR SIGNAL? ?)
S5	1661	DIGITAL()INTERFACE
S6	576	S1 AND S2 AND S3
S7	0	S6 AND S5
S8	20	S6 AND S4
S9	20	IDPAT (sorted in duplicate/non-duplicate order)
S10	20	IDPAT (primary/non-duplicate records only)
S11	15	S10 NOT PD=19960624:20000624
S12	11	S11 NOT PD=20000624:20031224
S13	4	S1(5N)S5
S14	0	S13 AND S2
S15	3280195	LINK OR LINKS OR LINKED OR CONNECTED OR JOIN OR JOINS OR J- OINED OR COUPLED
S16	16610	S15(5N)S3
S17	8411	S1(10N)S2
S18	8	S16 AND S17
S19	4457984	TRANSMI? OR SEND OR SENDS OR SENDING OR DELIVER? OR COMMUN? OR ACCESS? OR RECEIV? OR RELAY? OR FORWARD
S20	22770	S19(5N)S4
S21	52	S17 AND S20
S22	32	S21 NOT PD=19960624:20000624
S23	10	S22 NOT PD=20000624:20031224
S24	0	S23 AND S18
S25	386	(MODEM OR MODULATOR()DEMODULATOR) (5N) (INTERNAL? OR INSIDE - OR WITHIN OR WITH()IN)
S26	15	S25(5N)S1
S27	15	S26 NOT (S12 OR S13 OR S18 OR S23)
S28	15	IDPAT (sorted in duplicate/non-duplicate order)
S29	5	S28 NOT PD=19960624:20000624
S30	3	S29 NOT PD=20000624:20031224

12/3,K/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04130764 **Image available**
DYNAMIC CHARACTERISTIC EVALUATION DEVICE FOR MOBILE BODY

PUB. NO.: 05-122464 [JP 5122464 A]
PUBLISHED: May 18, 1993 (19930518)
INVENTOR(s): OKANE ATSUSHI
SAKATA TOMOSHI
APPLICANT(s): KONICA CORP [000127] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 03-281466 [JP 91281466]
FILED: October 28, 1991 (19911028)
JOURNAL: Section: E, Section No. 1428, Vol. 17, No. 494, Pg. 7,
September 07, 1993 (19930907)

...JAPIO CLASS: Facsimile); 45.4 (INFORMATION PROCESSING...

... Computer Applications)

ABSTRACT

... fiber, and the processing and evaluation of dynamic character data can be performed by a direct measuring method using a CCD...
...signal converted at the CCD 6, after being amplified by an amplifier, is set as digital data by an A/D converter 9. The data is stored in memory 10 via a...

...controller, and furthermore, it is sent to the data processing part such as a personal computer 11, etc., then, it is evaluated and analyzed. Thereby, it is possible to comprise the...

13/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012282169 **Image available**
WPI Acc No: 1999-088275/199908
XRPX Acc No: N99-064656

Portable facsimile - includes communication channel through which data
are forwarded from forwarding unit to other equipments

Patent Assignee: MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS (MATY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10322509	A	19981204	JP 97143381	A	19970516	199908 B

Priority Applications (No Type Date): JP 97143381 A 19970516

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10322509	A		8	H04N-001/00	

...Abstract (Basic): The facsimile includes a digital interface (101)
to receive electronic mail data from a server through a communication
circuit. The received...

13/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

011014992 **Image available**
WPI Acc No: 1996-511942/199651
XRPX Acc No: N96-431767

Multimedia appts. for e.g. audio data, musical instruments digital
interface data, character data used in facsimile - has transmitting
unit which transmits individual information of every multimedia to other
addresses of memory based on correlation information provided by research
and data processor

Patent Assignee: RICOH KK (RICO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8265459	A	19961011	JP 9590364	A	19950323	199651 B

Priority Applications (No Type Date): JP 9590364 A 19950323

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8265459	A		11	H04M-011/08	

Multimedia appts. for e.g. audio data, musical instruments digital
interface data, character data used in facsimile -

13/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

008949275
WPI Acc No: 1992-076544/199210
XRPX Acc No: N92-057391

High speed data transmission system - having analog interface, signal transmit-receive controller, digital interface and memory to connect facsimile NoAbstract Dwg 1/4

Patent Assignee: MITSUBISHI DENKI KK (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 4021237	A	19920124	JP 90126113	A	19900516	199210 B

Priority Applications (No Type Date): JP 90126113 A 19900516

... having analog interface, signal transmit-receive controller, digital interface and memory to connect facsimile NoAbstract Dwg 1/4

13/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent.WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

008242489 **Image available**

WPI Acc No: 1990-129490/199017

Facsimile terminal equipment with digital interface - determines equipment type at destination terminal connected to ISDN for communication NoAbstract Dwg 1/3

Patent Assignee: MURATA MACHINERY LTD (MURK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2079661	A	19900320	JP 88232824	A	19880916	199017 B

Priority Applications (No Type Date): JP 88232824 A 19880916

Facsimile terminal equipment with digital interface -

18/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04266142 **Image available**
MESSAGE LOG INFORMATION TRANSFER SYSTEM

PUB. NO.: 05-257842 [JP 5257842 A]
PUBLISHED: October 08, 1993 (19931008)
INVENTOR(s): NISHIMURA SHOICHI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-054772 [JP 9254772]
FILED: March 13, 1992 (19920313)
JOURNAL: Section: P, Section No. 1675, Vol. 18, No. 24, Pg. 45,
January 14, 1994 (19940114)

ABSTRACT

...CONSTITUTION: Facsimile equipment 1 and the host computer 2 are installed at a distance from each other and connected by a telephone line 6. When there is a request for message log information transfer from the facsimile equipment 1 to the host computer 2, the message log information processing part 3, after checking access information on the facsimile...

... 5 edits information in a message log file 4 and transfers the information to the facsimile equipment 1. Therefore, the message log information of the host computer 2 is obtained at a place where a dedicated terminal device connected to the host computer 2 is not installed to prevent the illegal access to the...

18/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015493409 **Image available**
WPI Acc No: 2003-555556/200352
XRPX Acc No: N03-441250

Photo- direct printer connected to digital camera, invalidates input of image data from personal computer card and user operation on operational panel, when digital camera is connected to printer

Patent Assignee: CANON KK (CANO); TANAKA T (TANA-I)

Inventor: TANAKA T

Number of Countries: 035 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030063148	A1	20030403	US 2002254506	A	20020926	200352 B
CA 2406351	A1	20030401	CA 2406351	A	20021001	200352
CN 1412717	A	20030423	CN 2002144215	A	20020929	200352
EP 1301020	A2	20030409	EP 200221992	A	20020930	200352
JP 2003103883	A	20030409	JP 2001305697	A	20011001	200352
KR 2003028411	A	20030408	KR 200259084	A	20020928	200353

Priority Applications (No Type Date): JP 2001305697 A 20011001

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030063148	A1		19	B41J-029/38	
CA 2406351	A1	E		G06F-003/12	
CN 1412717	A			G06K-015/02	

EP 1301020 A2 E H04N-001/00
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR
JP 2003103883 A 12 B41J-029/38
KR 2003028411 A G06F-003/12

Photo- direct printer connected to digital camera, invalidates input
of image data from personal computer card and user operation...

Abstract (Basic):

... Photo- direct (PD) printer connected to digital camera, PC,
memory card e.g. compact flash memory, smart media and memory stick.
Also connected to host computer, interface device, reader, copier,
facsimile .
...

...The figure shows a perspective view of the photo- direct printer
connected to digital camera

18/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014241094 **Image available**
WPI Acc No: 2002-061794/200208
XRPX Acc No: N02-045898

Telecommunication device e.g. telephone, initiates communication with
preferred call destination using routing data transmitted by control
center in response to input telephone number

Patent Assignee: PATHFINDER TECH RESOURCES LTD (PATH-N); DE BEER L (DBEE-I)

Inventor: DE BEER L

Number of Countries: 096 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200169896	A1	20010920	WO 2001GB1111	A	20010314	200208 B
AU 200140824	A	20010924	AU 200140824	A	20010314	200208
GB 2365259	A	20020213	GB 20016272	A	20010314	200214
EP 1264467	A1	20021211	EP 2001911902	A	20010314	200301
			WO 2001GB1111	A	20010314	
US 20030165227	A1	20030904	WO 2001GB1111	A	20010314	200359
			US 2003221485	A	20030320	

Priority Applications (No Type Date): GB 20006292 A 20000315

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200169896 A1 E 69 H04M-001/27

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200140824 A H04M-001/27 Based on patent WO 200169896

GB 2365259 A H04M-015/30

EP 1264467 A1 E H04M-001/27 Based on patent WO 200169896

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

US 20030165227 A1 H04M-007/00

Abstract (Basic):

... Telecommunication devices such as telephone, **facsimile**,
computer apparatus equipped with modem, private branch exchange or
routing device for communicating with call destination...

...Direct communication is made possible by eliminating the unnecessary
paths and having a **direct link** between the control center and the
device. An up-to-date database is maintained by...

18/3,K/4 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012347065 **Image available**
WPI Acc No: 1999-153172/199913
Related WPI Acc No: 1996-497818; 2002-380818
XRPX Acc No: N99-110445

**Message storage and delivery system - detects type of call and stores
message signal in database and has hypertext transfer protocol deamon to
retrieve user requests**

Patent Assignee: NETOFFICE SOLUTIONS LLC (NETO-N); BOBO C R (BOBO-I)

Inventor: BOBO C R

Number of Countries: 084 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5870549	A	19990209	US 95431716	A	19950428	199913 B
			US 97944741	A	19971006	
WO 9918716	A1	19990415	WO 98US20732	A	19981002	199922
AU 9896793	A	19990427	AU 9896793	A	19981002	199936
EP 1034651	A1	20000913	EP 98950859	A	19981002	200046
			WO 98US20732	A	19981002	
JP 2001519624	W	20011023	WO 98US20732	A	19981002	200202
			JP 2000515377	A	19981002	
AU 755321	B	20021212	AU 9896793	A	19981002	200305

Priority Applications (No Type Date): US 97944741 A 19971006; US 95431716 A
19950428

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5870549	A		33	H04N-001/413	CIP of application US 95431716 CIP of patent US 5675507
WO 9918716	A1	E		H04N-001/413	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 9896793	A			H04N-001/413	Based on patent WO 9918716
EP 1034651	A1	E		H04N-001/413	Based on patent WO 9918716
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
JP 2001519624	W		130	H04L-012/54	Based on patent WO 9918716
AU 755321	B			H04N-001/413	Previous Publ. patent AU 9896793 Based on patent WO 9918716

...Abstract (Basic): The system (10) is **connected** by a **direct** inward
dialling trunk (DID) (15) with a central office (20). An address signal
indicates the telephone number being called. The central office is
connected to a **facsimile** (24), telephone (26) **computer** (28) or

local area network, each connection is through a separate telephone and the system...

18/3,K/5 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010057575 **Image.available**
WPI Acc No: 1994-325286/199441
XRPX Acc No: N94-255474

Connecting portable personal computer and facsimile appts. to provide
direct communication link - using PC to generate network
hand-shaking procedures for making connection with facsimile

Patent Assignee: DEUT BUNDESPOST TELEKOM (DEBP)

Inventor: SIMON W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4312136	A1	19941020	DE 4312136	A	19930414	199441 B

Priority Applications (No Type Date): DE 4312136 A 19930414

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4312136	A1		4	G06F-003/12	

Connecting portable personal computer and facsimile appts. to provide
direct communication link - ...

...using PC to generate network hand-shaking procedures for making
connection with facsimile

...Abstract (Basic): A communication link is established between a personal
computer and a facsimile copier without involving additional
network considerations. The PC system has built-in network specific
hardware and software procedures that allow a direct connection...

...The system also allows a direct connection between a PC and a copier
without involving the communication network. The FAX copier can serve
as a printer for lap-top computers...

...USE/ADVANTAGE - Provides direct link between lap-top personal
computer and facsimile copier to be used as printer...

18/3,K/6 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009828994 **Image available**
WPI Acc No: 1994-108850/199413
Related WPI Acc No: 1991-295745; 1997-191714
XRPX Acc No: N94-085056

Electronic locking system for securing office equipment e.g. facsimile ,
printer or computer to desk - has magnet concealed within security
device to activate electronic key, with key being electromagnetically
coupled to passive locking units

Patent Assignee: MARDESICH ENTERPRISES INC (MARD-N)

Inventor: SPITZER J C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5299436	A	19940405	US 90492737	A	19900313	199413 B
			US 91781011	A	19911018	

Priority Applications (No Type Date): US 91781011 A 19911018; US 90492737 A 19900313

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5299436	A	21	E05B-073/00		CIP of application US 90492737
					CIP of patent US 5085395

Electronic locking system for securing office equipment e.g. facsimile , printer or computer to desk...

...has magnet concealed within security device to activate electronic key, with key being electromagnetically coupled to passive locking units

18/3,K/7 (Item 6 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2003 Thomson Derwent. All rts. reserv.

009705913 **Image available**
 WPI Acc No: 1993-399466/199350
 XRPX Acc No: N94-085931

Video processor for use in printing appts. for e.g. facsimile , computer output - has programmable direct memory access appts. coupled with input buffer, and decoupled relative to second bus and programmed for transfer of image data to predesignated addresses

Patent Assignee: XEROX CORP (XERO)

Inventor: RIVSHIN I

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5300289	A	19931112	JP 92286422	A	19921023	199350 B
US 5303341	A	19940412	US 91784481	A	19911029	199414
JP 3176150	B2	20010611	JP 92286422	A	19921023	200135

Priority Applications (No Type Date): US 91784481 A 19911029

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 5300289	A	19	H04N-001/00		
US 5303341	A	24	G06F-015/20		
JP 3176150	B2	19	H04N-001/00		Previous Publ. patent JP 5300289

Video processor for use in printing appts. for e.g. facsimile , computer output...

...has programmable direct memory access appts. coupled with input buffer, and decoupled relative to second bus and programmed for transfer of image...

18/3,K/8 (Item 7 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2003 Thomson Derwent. All rts. reserv.

004218419
 WPI Acc No: 1985-045299/198508
 XRPX Acc No: N85-033733

Facsimile transceiver with three couplers - allows external devices like
scrambler and protocol converter to be coupled in besides dedicated
and public telephone lines

Patent Assignee: RICOH KK (RICO)

Inventor: ISHIKAWA H S; NASHIMOTO C K

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3420331	A	19850214	DE 3420331	A	19840530	198508 B
JP 59221154	A	19841212				198508
DE 3420331	C	19880114				198802

Priority Applications (No Type Date): JP 8396680 A 19830531

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3420331	A		20		

... allows external devices like scrambler and protocol converter to be
coupled in besides dedicated and public telephone lines

...Abstract (Basic): sent and received via the first two couplers. The
second coupler is connected to a computer or to another facsimile
transceiver...

23/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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05156237 **Image available**
SECURE FACSIMILE SYSTEM AND SYNCHRONOUS TRANSMITTING AND RECEIVING
METHOD FOR SECURE DIGITAL DATA

PUB. NO.: 08-111737 [JP 8111737 A]
PUBLISHED: April 30, 1996 (19960430)
INVENTOR(s): JIEIMUSU ESU HAI
KUMAA ENU KUMARAPAN
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-219361 [JP 95219361]
FILED: August 29, 1995 (19950829)
PRIORITY: 7-319,156 [US 319156-1994], US (United States of America),
October 06, 1994 (19941006)

SECURE FACSIMILE SYSTEM AND SYNCHRONOUS TRANSMITTING AND RECEIVING
METHOD FOR SECURE DIGITAL DATA

ABSTRACT

PURPOSE: To make a secure communication from a personal computer (PC) to
a secure facsimile (FAX) equipment through a secure facsimile
network(SFN...

... equipped with the PC 100 which enables a communication on the SFN 204
using standard FAX software, a synchronous digital data interface 210
which connects the PC 100 to the SFN 204, a secure FAX protocol stack
212 which temporarily stores sequential data for transmission and
reception through the synchronous digital data interface 210, and a
protocol selector 214 which determines a protocol mode for transfer from...

23/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03574963 **Image available**
INFORMATION PROCESSING UNIT

PUB. NO.: 03-237863 [JP 3237863 A]
PUBLISHED: October 23, 1991 (19911023)
INVENTOR(s): MAKITA TOSHIYUKI
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 02-032467 [JP 9032467]
FILED: February 15, 1990 (19900215)
JOURNAL: Section: E, Section No. 1156, Vol. 16, No. 22, Pg. 87,
January 20, 1992 (19920120)

ABSTRACT

... the unit by replying automatically an incoming call from a public
telephone line and implementing digital data communication only when
a digital communication requests from a caller equipment exists after the
reply...

...CONSTITUTION: A personal computer 20 is provided with a telephone set

function, a facsimile communication function and a digital data communication function. Upon the receipt of an incoming call from a public telephone line network 50...

...arrival of the call to the CPU 6. After the reply, whether or not a digital data communication request exists from a caller equipment is discriminated, and when the request is discriminated, the digital data communication function is used to make digital data communication. Thus, a caller instructs and selects succeeding operation of the called party equipment and executes...

23/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03043557 **Image available**
TELEPHONE SET

PUB. NO.: 02-019057 [JP 2019057 A]
PUBLISHED: January 23, 1990 (19900123)
INVENTOR(s): NEMOTO JIYUNGO
APPLICANT(s): NEC OFF SYST LTD [486651] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-169855 [JP 88169855]
FILED: July 06, 1988 (19880706)
JOURNAL: Section: E, Section No. 910, Vol. 14, No. 163, Pg. 36, March 29, 1990 (19900329)

ABSTRACT

PURPOSE: To send information to a digital data receiver in voice by converting voice information spoken via a transmitter into a digital signal and outputting a character code...

... When a talking party is a terminal equipment receiving a character code such as a facsimile equipment 13 or a personal computer 14, a changeover section 6 is switched. Thus, voice from the transmitter 2 is converted...

... a demodulator and outputted as a character. Thus, even if the talking party is a digital data receiver able to receive character codes, the information is sent in voice.

23/3,K/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02305872 **Image available**
DIGITAL IMAGE FORMING DEVICE

PUB. NO.: 62-222772 [JP 62222772 A]
PUBLISHED: September 30, 1987 (19870930)
INVENTOR(s): MORITA SHIZUO
ITO KUNIO
MATSUO SHUNJI
FUKUCHI MASAKAZU
SHOJI HISAFUMI
APPLICANT(s): KONISHIROKU PHOTO IND CO LTD [000127] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 61-066631 [JP 8666631]
FILED: March 24, 1986 (19860324)
JOURNAL: Section: E, Section No. 592, Vol. 12, No. 89, Pg. 60, March
23, 1988 (19880323)

ABSTRACT

... the original image as a normal variable density image. The signal processing part switches the **digital signal** and can **transmit** the original image as an image in which the variable density is inverted. Further, by...

... to the signal processing part, the picture signal from external equipments such as a personal **computer**, a **facsimile** can be fetched, and the normal and the reverse images of more original images can...

23/3,K/5 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010213777 **Image available**
WPI Acc No: 1995-115031/199515
Related WPI Acc No: 1997-319275; 1998-062527; 2000-095840; 2002-470541;
2003-056761
XRPX Acc No: N95-090795

Multi-function machine combining and routing image data - includes units such as digital copier for scanning image data, printer forming hard copy of image data from computer, and facsimile receiving and transmitting facsimile data

Patent Assignee: RICOH CORP (RICO); RICOH KK (RICO)
Inventor: MOTOYAMA T
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5396345	A	19950307	US 91811463	A	19911219	199515 B

Priority Applications (No Type Date): US 91811463 A 19911219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5396345	A	10	H04N-001/387		

... as digital copier for scanning image data, printer forming hard copy of image data from computer, and facsimile receiving and transmitting facsimile data

...Abstract (Basic): The first set of digital data is merged with the second set of **digital data**, and a **transmitter sends** the merged image data to one of the merge destinations. The source of the first set of digital data and the second set of digital data may include a **facsimile**, a scanner, storage device or a host **computer**. The multi-function machine has user selectable destinations including a printer, a **facsimile** processor, storage device, or a host **computer** interface processor...

23/3,K/6 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010035842 **Image available**
WPI Acc No: 1994-303553/199438

XRPX Acc No: N94-238659

Communication network data transmission converter - converts data being transmitted between digital signal communication network and analog signal terminal device in correct format

Patent Assignee: INTEC GES INFORMATIONSTECHNIK (INTE-N)

Inventor: METZEN H; TIX M

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4309072	A1	19940929	DE 4309072	A	19930320	199438 B
DE 4309072	C2	19950706	DE 4309072	A	19930320	199531

Priority Applications (No Type Date): DE 4309072 A 19930320

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4309072	A1	4		H04L-029/06	
DE 4309072	C2	4		H04L-029/06	

... converts data being transmitted between digital signal communication network and analog signal terminal device in correct format

...Abstract (Basic): The device (9) is connected between a communication network (8) which transmits digital signals and a terminal device (1,11,15) for text and/or graphics which processes analog signals or an analog data communication network. The terminal device (1,11,15) may be, e.g., a facsimile machine...

...Abstract (Equivalent): The converting device (9) is designed to fit between a communications network (8) transmitting digital signals and terminal equipment (1, 11, 15) processing analogue signals

23/3,K/7 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009230202 **Image available**

WPI Acc No: 1992-357622/199244

XRPX Acc No: N92-272591

World trade hybrid communication system for public utilities - uses land lines to post offices or satellite communication route to transmit tenders to specific overseas destination from master computer, communication controllable from local post office user using telephone or smart cards

Patent Assignee: HANSBY C R J (HANS-I)

Inventor: HANSBY C R J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 9211199	A	19920903	AU 9211199	A	19920225	199244 B

Priority Applications (No Type Date): AU 914821 A 19910227

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 9211199	A	25		H04L-012/00	

...Abstract (Basic): for securing parts, services and products and international and domestic enquiries. Other items include telephones, fax, PC's, printers, monitors, cameras for conference and system

instruction...

...cable sends signals between the respective system components. Proof mounted satellite dish and electric powered **transmitter** despatch **digital signals** where the user location is remote or where audio-video is operatively connected to PC and monitor. A **communication digital signal** cable is linked to the local site and a fibre optic coaxial cable transmits voice...

23/3,K/8 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

007580930

WPI Acc No: 1988-214862/198831

XRPX Acc No: N88-163896

Facsimile system for machines with different coding algorithms - decodes received picture data, encodes by other algorithm and sends to store and forward switching network

Patent Assignee: HITACHI LTD (HITA)

Inventor: KANAI H

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2200510	A	19880803	GB 8728624	A	19871208	198831 B
JP 63146558	A	19880618				198831
US 4970603	A	19901113	US 88243958	A	19880914	199048
GB 2200510	B	19910130				199105

Priority Applications (No Type Date): JP 86293056 A 19861209

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2200510	A		32		

...Abstract (Basic): directly connected to a store and forward switching network (1) and the other type of **facsimile** machine (6) is connected to the store and forward switching **network** through a **facsimile terminal** controller (4). When the **facsimile** terminal controller receives the picture data from the other type of facsimile machine, it decodes...

...Abstract (Equivalent): reproducing the video signal recorded on a disc. An audio reproducing system is connected to **receive** the recorded **digital data** representing an audio signal, and converts the **received digital data** to an audio signal. A digital processing circuit is also connected to **receive** the recorded **digital data** representing an audio signal and converts the **received digital data** into a video signal. A video-converted digital audio signal is thus output and the...

23/3,K/9 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

004320943

WPI Acc No: 1985-147821/198525

XRPX Acc No: N85-111534

Digital signal transmission system - transmits signals of up to four different modes over unused TV channel in existing CATV transmission line

Patent Assignee: SONY CORP (SONY)
Inventor: FUJITA E; HIDEISHIMA Y; TOYOSHIMA M
Number of Countries: 008 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 144801	A	19850619	EP 84113563	A	19841109	198525 B
AU 8435174	A	19850530				198529
JP 60103748	A	19850608	JP 83210353	A	19831109	198529
US 4684981	A	19870804	US 84669376	A	19841108	198733
CA 1248624	A	19890110				198907
CA 1258520	A	19890815				198941
CA 1258521	A	19890815				198941
EP 144801	B	19911113				199146
DE 3485264	G	19911219				199201

Priority Applications (No Type Date): JP 83210353 A 19831109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 144801	A	E	43		
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Designated States (Regional): DE FR GB NL

EP 144801	B				
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Designated States (Regional): DE FR GB NL

Digital signal transmission system...

...Abstract (Basic): USE/ADVANTAGE - For transmitting digital signal derived from e.g. analog stereo signal, announcement signal, facsimile data signal or computer game program on CATV line. Large number of terminals may be addressed without needing special...

...Abstract (Equivalent): The digital signal transmitting system includes a circuit generating digital word signals in a mode in which eacy of...

...USE - Facsimile and computer signals. (17pp)u

23/3,K/10 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

003264501

WPI Acc No: 1982-B4059J/198251

Digital data transmission device - is capable of correcting error in facsimile equipment or computer system

Patent Assignee: RICOH KK (RICO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 57185744	A	19821116				198251 B

Priority Applications (No Type Date): JP 8169297 A 19810511

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 57185744	A		9		
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Digital data transmission device...

...is capable of correcting error in facsimile equipment or computer system

30/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04839024 **Image available**
FACSIMILE EQUIPMENT

PUB. NO.: 07-131624 [JP 7131624 A]
PUBLISHED: May 19, 1995 (19950519)
INVENTOR(s): TAKAMOTO KOICHI
HONDA TOYOTA
HOSODA MASAHITO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 05-273675 [JP 93273675]
FILED: November 01, 1993 (19931101)

ABSTRACT

... CED signal or an NSF.CSI.DIS frame signal is transmitted from an opposite side facsimile equipment through a MODEM 107 within fixed time or not. When those signals are transmitted within the fixed time, the polling...

30/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010734406 **Image available**
WPI Acc No: 1996-231361/199624
XRPX Acc No: N96-194138

Design for fax modem - includes memory and is intended for supplying computing equipment, while memory stores data and informatin received when computer is switched off

Patent Assignee: ABSTRON INSTR GMBH (ABST-N)
Inventor: HECKLAU M; KURCH R; PREISS J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4439195	A1	19960509	DE 4439195	A	19941103	199624 B

Priority Applications (No Type Date): DE 4439195 A 19941103

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4439195	A1	4	H04N-001/21	

...Abstract (Basic): connected by the lead (12) and the RS232 interface with the computer (2), while an internal modem (8) couples the fax - modem to the telephone line (13...

30/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009595356 **Image available**
WPI Acc No: 1993-288902/199337
XRPX Acc No: N93-222253

Automatically interruptable data communication system - suspending data

transfer when incoming call detected, re-establishing link when call terminated

Patent Assignee: SOFTSCRIBE CORP (SOFT-N)

Inventor: RODMAN W; WIERZBICA T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2084011	A	19930622	CA 2084011	A	19921127	199337 B

Priority Applications (No Type Date): US 91806586 A 19911221

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2084011	A		70 H04M-011/06	

...Abstract (Basic): 18). Each telephone is connected to a data communication device (28,40) e.g. a **facsimile** via a **modem** (20,32). The communication package **within** the device is used to establish and control data transfer between itself and another similar...

?

23/3,K/6 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010035842 **Image available**

WPI Acc No: 1994-303553/199438

XRPX Acc No: N94-238659

Communication network data transmission converter - converts data being transmitted between digital signal communication network and analog signal terminal device in correct format

Patent Assignee: INTEC GES INFORMATIONSTECHNIK (INTE-N)

Inventor: METZEN H; TIX M

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4309072	A1	19940929	DE 4309072	A	19930320	199438 B
DE 4309072	C2	19950706	DE 4309072	A	19930320	199531

Priority Applications (No Type Date): DE 4309072 A 19930320

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4309072	A1	4	H04L-029/06	
DE 4309072	C2	4	H04L-029/06	

... converts data being transmitted between digital signal communication network and analog signal terminal device in correct format

...Abstract (Basic): The device (9) is connected between a communication network (8) which transmits digital signals and a terminal device (1,11,15) for text and/or graphics which processes analog signals or an analog data communication network. The terminal device (1,11,15) may be, e.g., a facsimile machine...

...Abstract (Equivalent): The converting device (9) is designed to fit between a communications network (8) transmitting digital signals and terminal equipment (1, 11, 15) processing analogue signals

...

23/3,K/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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05156237 **Image available**
SECURE FACSIMILE SYSTEM AND SYNCHRONOUS TRANSMITTING AND RECEIVING
METHOD FOR SECURE DIGITAL DATA

PUB. NO.: 08-111737 [JP 8111737 A]
PUBLISHED: April 30, 1996 (19960430)
INVENTOR(s): JIEIMUSU ESU HAI
KUMAA ENU KUMARAPAN
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-219361 [JP 95219361]
FILED: August 29, 1995 (19950829)
PRIORITY: 7-319,156 [US 319156-1994], US (United States of America),
October 06, 1994 (19941006)

SECURE FACSIMILE SYSTEM AND SYNCHRONOUS TRANSMITTING AND RECEIVING
METHOD FOR SECURE DIGITAL DATA

ABSTRACT

PURPOSE: To make a secure communication from a personal computer (PC) to
a secure facsimile (FAX) equipment through a secure facsimile
network(SFN...

... equipped with the PC 100 which enables a communication on the SFN 204
using standard FAX software, a synchronous digital data interface 210
which connects the PC 100 to the SFN 204, a secure FAX protocol stack
212 which temporarily stores sequential data for transmission and
reception through the synchronous digital data interface 210, and a
protocol selector 214 which determines a protocol mode for transfer from...

23/3,K/5 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010213777 **Image available**

WPI Acc No: 1995-115031/199515

Related WPI Acc No: 1997-319275; 1998-062527; 2000-095840; 2002-470541;
2003-056761

XRPX Acc No: N95-090795

Multi-function machine combining and routing image data - includes units
such as digital copier for scanning image data, printer forming hard copy
of image data from computer, and facsimile receiving and transmitting
facsimile data

Patent Assignee: RICOH CORP (RICO); RICOH KK (RICO)

Inventor: MOTOYAMA T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5396345	A	19950307	US 91811463	A	19911219	199515 B

Priority Applications (No Type Date): US 91811463 A 19911219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5396345	A		10	H04N-001/387	

... as digital copier for scanning image data, printer forming hard copy
of image data from computer, and facsimile receiving and transmitting
facsimile data

...Abstract (Basic): The first set of digital data is merged with the
second set of digital data, and a transmitter sends the merged
image data to one of the merge destinations. The source of the first
set of digital data and the second set of digital data may include a
facsimile, a scanner, storage device or a host computer. The
multi-function machine has user selectable destinations including a
printer, a facsimile processor, storage device, or a host computer
interface processor...

File 344:Chinese Patents Abs Aug 1985-2003/Nov
(c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
(c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200382
(c) 2003 Thomson Derwent

? ds

Set	Items	Description
S1	232407	FACSIMILE OR FAX
S2	736056	PC OR COMPUTER OR WORKSTATION OR WORK()STATION OR DESKTOP - OR LAPTOP OR (TERMINAL OR NODE) (3N)NETWORK
S3	475257	PASSIVE OR DIRECT OR DEVOT? OR DEDICAT? OR COMMIT? OR STRA- IGHT
S4	109174	DIGITAL() (DATA OR SIGNAL? ?)
S5	1661	DIGITAL() INTERFACE
S6	576	S1 AND S2 AND S3
S7	0	S6 AND S5
S8	20	S6 AND S4
S9	20	IDPAT (sorted in duplicate/non-duplicate order)
S10	20	IDPAT (primary/non-duplicate records only)
S11	15	S10 NOT PD=19960624:20000624
S12	11	S11 NOT PD=20000624:20031224
S13	4	S1(5N)S5
S14	0	S13 AND S2
S15	3280195	LINK OR LINKS OR LINKED OR CONNECTED OR JOIN OR JOINS OR J- OINED OR COUPLED
S16	16610	S15(5N)S3
S17	8411	S1(10N)S2
S18	8	S16 AND S17
S19	4457984	TRANSMI? OR SEND OR SENDS OR SENDING OR DELIVER? OR COMMUN? OR ACCESS? OR RECEIV? OR RELAY? OR FORWARD
S20	22770	S19(5N)S4
S21	52	S17 AND S20
S22	32	S21 NOT PD=19960624:20000624
S23	10	S22 NOT PD=20000624:20031224
S24	0	S23 AND S18
S25	386	(MODEM OR MODULATOR()DEMODULATOR) (5N) (INTERNAL? OR INSIDE - OR WITHIN OR WITH() IN)
S26	15	S25(5N)S1
S27	15	S26 NOT (S12 OR S13 OR S18 OR S23)
S28	15	IDPAT (sorted in duplicate/non-duplicate order)
S29	5	S28 NOT PD=19960624:20000624
S30	3	S29 NOT PD=20000624:20031224

23/3,K/6 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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010035842 **Image available**
WPI Acc No: 1994-303553/199438
XRPX Acc No: N94-238659

Communication network data transmission converter - converts data being
transmitted between digital signal communication network and
analog signal terminal device in correct format

Patent Assignee: INTEC GES INFORMATIONSTECHNIK (INTE-N)

Inventor: METZEN H; TIX M

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4309072	A1	19940929	DE 4309072	A	19930320	199438 B
DE 4309072	C2	19950706	DE 4309072	A	19930320	199531

Priority Applications (No Type Date): DE 4309072 A 19930320

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4309072	A1	4	H04L-029/06	
DE 4309072	C2	4	H04L-029/06	

... converts data being transmitted between digital signal
communication network and analog signal terminal device in correct
format

...Abstract (Basic): The device (9) is connected between a communication
network (8) which transmits digital signals and a terminal device
(1,11,15) for text and/or graphics which processes analog signals or an
analog data communication network. The terminal device (1,11,15)
may be, e.g., a facsimile machine...

...Abstract (Equivalent): The converting device (9) is designed to fit
between a communications network (8) transmitting digital
signals and terminal equipment (1, 11, 15) processing analogue signals
...

23/3,K/5 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010213777 **Image available**

WPI Acc No: 1995-115031/199515

Related WPI Acc No: 1997-319275; 1998-062527; 2000-095840; 2002-470541;
2003-056761

XRPX Acc No: N95-090795

Multi-function machine combining and routing image data - includes units
such as digital copier for scanning image data, printer forming hard copy
of image data from computer, and facsimile receiving and transmitting
facsimile data

Patent Assignee: RICOH CORP (RICO); RICOH KK (RICO)

Inventor: MOTOYAMA T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5396345	A	19950307	US 91811463	A	19911219	199515 B

Priority Applications (No Type Date): US 91811463 A 19911219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5396345	A		10	H04N-001/387	
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... as digital copier for scanning image data, printer forming hard copy
of image data from computer, and facsimile receiving and transmitting
facsimile data

...Abstract (Basic): The first set of digital data is merged with the
second set of digital data, and a transmitter sends the merged
image data to one of the merge destinations. The source of the first
set of digital data and the second set of digital data may include a
facsimile, a scanner, storage device or a host computer. The
multi-function machine has user selectable destinations including a
printer, a facsimile processor, storage device, or a host computer
interface processor...

18/3,K/5 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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010057575 **Image available**

WPI Acc No: 1994-325286/199441

XRPX Acc No: N94-255474

Connecting portable personal computer and facsimile appts. to provide
direct communication link - using PC to generate network
hand-shaking procedures for making connection with facsimile

Patent Assignee: DEUT BUNDESPOST TELEKOM (DEBP)

Inventor: SIMON W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4312136	A1	19941020	DE 4312136	A	19930414	199441 B

Priority Applications (No Type Date): DE 4312136 A 19930414

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4312136	A1	4	G06F-003/12	

Connecting portable personal computer and facsimile appts. to provide
direct communication link - ...

...using PC to generate network hand-shaking procedures for making
connection with facsimile

...Abstract (Basic): A communication link is established between a personal
computer and a facsimile copier without involving additional
network considerations. The PC system has built-in network specific
hardware and software procedures that allow a direct connection...

...The system also allows a direct connection between a PC and a copier
without involving the communication network. The FAX copier can serve
as a printer for lap-top computers...

...USE/ADVANTAGE - Provides direct link between lap-top personal
computer and facsimile copier to be used as printer...

18/9/5 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010057575 **Image available**
WPI Acc No: 1994-325286/199441
XRPX Acc No: N94-255474

Connecting portable personal computer and facsimile appts. to provide
direct communication link - using PC to generate network
hand-shaking procedures for making connection with facsimile

Patent Assignee: DEUT BUNDESPOST TELEKOM (DEBP)

Inventor: SIMON W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4312136	A1	19941020	DE 4312136	A	19930414	199441 B

Priority Applications (No Type Date): DE 4312136 A 19930414

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4312136	A1	4	G06F-003/12	

Abstract (Basic): DE 4312136 A

A communication link is established between a personal computer and a facsimile copier without involving additional network considerations. The PC system has built-in network specific hardware and software procedures that allow a direct connection to be established with the copier.

The system also allows a direct connection between a PC and a copier without involving the communication network. The FAX copier can serve as a printer for lap-top computers.

USE/ADVANTAGE - Provides direct link between lap-top personal computer and facsimile copier to be used as printer.

Dwg.3/3

Title Terms: CONNECT; PORTABLE; PERSON; COMPUTER; FACSIMILE; APPARATUS;
DIRECT; COMMUNICATE; LINK; GENERATE; NETWORK; HAND; SHAKE; PROCEDURE;
CONNECT; FACSIMILE

Derwent Class: T01; W02

International Patent Class (Main): G06F-003/12

File Segment: EPI

Manual Codes (EPI/S-X): T01-C03; T01-C05A; T01-M06A1; W02-J02B; W02-J09

23/3,K/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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05156237 **Image available**

SECURE FACSIMILE SYSTEM AND SYNCHRONOUS TRANSMITTING AND RECEIVING
METHOD FOR SECURE DIGITAL DATA

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PUBLISHED: April 30, 1996 (19960430)
INVENTOR(s): JIEIMUSU ESU HAI
KUMAA ENU KUMARAPAN
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-219361 [JP 95219361]
FILED: August 29, 1995 (19950829)
PRIORITY: 7-319,156 [US 319156-1994], US (United States of America),
October 06, 1994 (19941006)

SECURE FACSIMILE SYSTEM AND SYNCHRONOUS TRANSMITTING AND RECEIVING
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ABSTRACT

PURPOSE: To make a secure communication from a personal computer (PC) to a secure facsimile (FAX) equipment through a secure facsimile network(SFN...

... equipped with the PC 100 which enables a communication on the SFN 204 using standard FAX software, a synchronous digital data interface 210 which connects the PC 100 to the SFN 204, a secure FAX protocol stack 212 which temporarily stores sequential data for transmission and reception through the synchronous digital data interface 210, and a protocol selector 214 which determines a protocol mode for transfer from...

18/9/5 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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010057575 **Image available**
WPI Acc No: 1994-325286/199441
XRPX Acc No: N94-255474

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File Segment: EPI

Manual Codes (EPI/S-X): T01-C03; T01-C05A; T01-M06A1; W02-J02B; W02-J09

18/3,K/5 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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010057575 **Image available**

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